

12/14/01

J6843 U.S. PTO

10017731

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.: CR00300M

First Inventor: THOMAS ET AL.

Title: METHOD AND SYSTEM FOR ADAPTIVE CHANNEL  
ESTIMATION TECHNIQUES

Express Mail Label No.: ET861521280US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS  
(see MPEP chapter 600 concerning  
utility patent application contents)

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 202311. ☒ Fee Transmittal Form in duplicate  
(Submit an original and a duplicate for fee processing)2. ☐ Applicant claims small entity status  
See 37 CFR 1.273. ☒ Specification Total Pages   
(preferred arrangement set forth below)  
-Descriptive title of the invention  
-Cross Reference to Related Applications  
-Statement Regarding Fed sponsored R&D  
-Reference to sequence listing, a table,-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure4. ☒ Drawing(s) Total Sheets 

5. Oath or Declaration

- a.
- ☒
- Newly executed (original or copy)
- 
- b.
- ☐
- Copy from a prior application (37
- 
- CFR 1.63(d)) (for continuation/ divisional with
- 
- Box 18 completed)
- 
- i.
- ☐
- DELETION OF INVENTOR(S)
- 
- Signed statement attached deleting
- 
- inventor(s) named in the prior application,
- 
- see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet under 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large  
table or Computer Program (Appendix)8. ☐ Nucleotide and/or Amino Acid Sequence  
(if applicable, all necessary)

- a.
- ☐
- Computer Readable Form (CFR)
- 
- b.
- ☐
- Specification Sequence Listing on:
- 
- i.
- ☐
- CD-ROM or CD-4 (2 copies);
- 
- ii.
- ☐
- or paper
- 
- c.
- ☐
- Statements verifying identify of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) ☒ Power of Attorney  
Statement (when there is an assignee)11. ☐ English Translation Document (if applicable)12. ☒ IDS  Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)15. ☐ Certified Copy of Priority Document16. ☐ Nonpublication Request under 35 U.S.C.  
122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent.17. ☐ Other: \_\_\_\_\_

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in- Part (CIP) Prior Appl. No. Prior Appl. information: Examiner:  Group/Art Unit: 

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label



or



Correspondence address below

Name	DANIEL W. JUFFERNBRUCH						
Address	Motorola, Inc. - Law Department						
	1303 E. Algonquin Road						
City	Schaumburg	State	IL	Zip Code	60196		
Country	U.S.A.	Telephone	847-538-3129	Fax	847-576-3750		
Name	DANIEL W. JUFFERNBRUCH			Registration No.	33,122		
SIGNATURE				Date	12/14/2001		

# FEE TRANSMITTAL

Patent fees are subject to annual revision

Complete if Known

Application Number  
Filing Date 12/14/2001  
First Named Inventor TIMOTHY A. THOMAS  
Examiner Name  
Group Art Unit  
Attorney Docket No. CR00300M

TOTAL AMOUNT OF PAYMENT (\$ 924.00)

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 13-4772  
Deposit Account Name Motorola, Inc.

☒ Charge Any Additional Fee required under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Paid
101	740	201	370	Utility filing fee 740
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

SUBTOTAL (1) (\$ 740)

### 2. EXTRA CLAIM FEES

Total Claims	Previously Paid**	Extra Claims	Fee from Below	Fee Paid
28	20	8	18	144
Independent Claims	3	3	0	

Multiple Dependent

280 =

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	* Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original Patent

SUBTOTAL (2) (\$ 144)

\*\*OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.

\*For Reissues, see above

### SUBMITTED BY

Name (Print/Type) DANIEL W. JUFFERNBRUCH

Signature

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Fee	Small Entity	Fee	Fee Description
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late Provisional filing
139	130	139	130	Non-English specification
147	2520	147	2520	For filing a request for ex parte Reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1840*	113	1840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	920	217	460	Extension for reply within third month
118	1440	218	720	Extension for reply within fourth month
128	1960	228	980	Extension for reply within fifth month
119	320	219	160	Notice of Appeal
120	320	220	160	Filing a brief in support of an appeal
121	280	221	140	Request for oral hearing
138	1510	138	1510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1280	241	640	Petition to revive - unintentional
142	1280	242	640	Utility issue fee (or reissue)
143	460	243	230	Design issue fee
144	620	244	310	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of IDS
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application

Other fee (specify)

\* Reduced by Basic Filing Fee paid SUBTOTAL (3) (\$ 40)

Complete (if applicable)

Registration No. 33,122 Telephone 847-538-3129

Date 12/14/2001

CR00300M